Title (en)

ELECTRIC MACHINE

Title (de)

ELEKTRISCHE MASCHINE

Title (fr)

MACHINE ÉLECTRIQUE

Publication

EP 2304865 A1 20110406 (DE)

Application

EP 09769137 A 20090615

Priority

- EP 2009057352 W 20090615
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Abstract (en)

[origin: WO2009156288A1] Electric machine, in particular an alternating current generator, comprising a rotor (20) having a rotating axis direction, said rotor being designed as a claw-pole rotor, wherein among other things the rotor (20) comprises two claw pole plates (22, 23) with claw pole fingers (24, 25) disposed at the external periphery thereof, wherein a coil carrier (60) is disposed between the two claw-pole plates (24, 25), said carrier holding an exciter winding (51), wherein the exciter winding (51) comprises two connecting conductors (66), each of which is connected in a electrically conducting manner to a power supply element fastened to the rotor (20), wherein the coil carrier (60) comprises a wall (78) with an attachment section (81) extending therefrom, wherein one of the connecting conductors (66) is slung around the attachment section (81) and the attachment section (81) comprises undercuts (87) facing away from another at the end (84) of said attachment section facing away from the wall (78), wherein the attachment section (81) has a cross sectional area (93) that is oriented perpendicular to a winding direction of the connecting conductor (66) around the attachment section (81), wherein the winding direction is oriented in the rotating axis direction of the rotor (20).

IPC 8 full level

H02K 3/52 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2009156288A1

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DOCDB simple family (publication)

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